

PAT1 Rec'd PCT/PTO 26 JUN 2006

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Application No. : (unassigned)
Applicant : LEE, Woo-Yong et al.
Filed : June 26, 2006
Tech Cntr/AU : (unassigned)
Examiner : (unassigned)
Entitled : AN APPARATUS FOR ADAPTIVE RESOURCE ALLOCATION FOR MULTI-CHANNEL COMMUNICATION SYSTEM, AND A METHOD THEREOF

Attorney Ref. : 123054-06079419
Customer No. : 43569

MAIL STOP PCT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Sir:

Pursuant to 37 CFR §1.97 and 1.56, the attention of the U.S. Patent and Trademark Office is hereby directed to the following disclosures made herein, which include:

REFERENCES AND RELEVANCY

- Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. Copies of the listed documents are attached, where required, as are any readily available full or partial English translations of any non-English language documents.
- Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. The references cited herein were cited for consideration in the parent application, and, pursuant to 37 CFR 1.98(d), copies of the cited references can be found in the file of the parent application (U.S. Serial No. , filed).
- Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. The references cited herein were cited in the International Search Report issued for the corresponding International application, and copies of the International Search Report and the cited references are attached for the Examiner's consideration.
- Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. The references cited herein were cited in a communication from a foreign or international patent office in a counterpart foreign or international application(s), and copies of both the relevant communication and the cited references, where required, are attached for the Examiner's consideration.

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CERTIFICATION

The undersigned certifies that, pursuant to 37 CFR §1.97(e)(1),

each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application not more than three months prior to the filing of this Statement.

RELATED CASES

Identified in the attached Appendix are related applications directed to related technical subject matter. Copies of the related applications, where required, are attached for the Examiner's consideration. *The identification of the related U.S. patent applications is not to be construed as a waiver of secrecy for those applications, now or upon issuance of the present application as a patent.*

BASIS FOR CONSIDERATION

This Information Disclosure Statement is filed:

within three months of the filing date of the application and/or before the mailing date of a first Official Action on the merits, and no fee is required [37 C.F.R. §1.97(b)].

with the appropriate certification, and no fee is required [37 C.F.R. §1.97(e)(1)].

after the mailing date of the first Official Action on the merits, but prior to the issuance of a Notice of Allowance, and the requisite fee is authorized herein for payment [37 C.F.R. §1.97(c)].

after the mailing date of the Notice of Allowance, but prior to the payment of the issue fee, the requisite certification under 37 CFR §1.97(e)(1) is made herein, and the requisite fee is authorized herein for payment [37 C.F.R. §1.97(d)].

with a Request for Continued Examination (RCE), and no fee is required [37 C.F.R. §1.97(b)(4)].

FEE AUTHORIZATION

Authorization is hereby given to charge any deficient fee(s) under 37 CFR §1.16 and §1.17 as necessary to ensure the consideration of this disclosure, or to credit any fee overpayments, to Deposit Account No. 503-121.

Authorization is hereby given to charge the requisite fee of \$180 (Fee Code 1806) for submission of this Information Disclosure Statement to Deposit Account No. 503-121.

It is respectfully requested that this information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Information Disclosure Statement
U.S. Serial No. New Application
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The Examiner is further respectfully requested to return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column.

The examination and allowance of this Application is respectfully requested.

Respectfully Submitted,

MAYER BROWN ROWE & MAW LLP

By:


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Date: June 26, 2006

Attachment(s): PTO Form 1449
International Search Report
Cited References

101584639 GAU: 2617

FORM PTO-1449 (modified)

U.S. Department of Commerce
U.S. Patent & Trademark Office

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**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Attorney Reference: 123054-06079419

Applicant: LEE, Woo-Yong et al.

Application Serial No.: new application

Filing Date: June 26, 2006

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Examiner: unassigned

Group Art Unit: unassigned

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/DD/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
/P.D./ AR	6,345,036	02/05/2002	Sudo et al.	H04J	11/00	06/29/2000
/P.D./ BR	US 2003/0095506	05/22/2003	Jalali et al.	H4J	11/00	11/21/2001
CR						
DR						
ER						
FR						

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/DD/YYYY	Country	Translation Readily Available		English Abstract	
				Enclosed	No	Enclosed	No
GR							
HR							
IR							
JR							
KR							
LR							
MR							

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

/P.D./ NR	Xiaoming She; "Power and Bit Allocation for Adaptive Turbo Coded Modulation in OFDM Systems"; GLOBECOM 2003; IEEE Vol. 2, 1-5; December 2003; pp. 903-907.
/P.D./ OR	Venkatesh Rajendran; "A Power-Efficient Resource Allocation Scheme For Multiuser OFDM"; Personal Wireless Communications, 2002; IEEE International Conference on 15-17 Dec. 2002; pp. 224-228.
/P.D./ PR	International Search Report dated April 7, 2005 for PCT/KR2004/003469.
QR	
RR	
SR	

Examiner	/Phuoc Doan/	Date Considered:	05/06/2008
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.